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| APPLICATION NO.                          | FI         | LING DATE  | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |
|--|------------|------------|----------------------|---------------------|------------------|--|
| .09/396,531                              | 09/15/1999 |            | RANDALL A. ADDINGTON | 99-1001             | 7582             |  |
| 24253                                    | 7590       | 01/29/2008 |                      | EXAMINER            |                  |  |
| JOEL I RO                                |            | TT         |                      |                     |                  |  |
| 445 11TH AVENUE<br>INDIALANTIC, FL 32903 |            |            |                      | ART UNIT            | PAPER NUMBER     |  |

DATE MAILED: 01/29/2008

Please find below and/or attached an Office communication concerning this application or proceeding.



## UNITED STATES DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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| APPLICATION NO./<br>CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR / PATENT IN REEXAMINATION |          | ATTORNEY DOCKET NO. |
|---------------------------------|-------------|--|----------|---------------------|
| 09/396,531                      |             |  |          |                     |
|                                 |             |  | EXAMINER |                     |
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|                                 |             |  | ART UNIT | PAPER               |
|                                 |             |  |          | 20070729            |

DATE MAILED:

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#### **Commissioner for Patents**

The reply brief filed 5/24/07 has been entered and considered. The application has been forwarded to the Board of Patent Appeals and Interferences for decision on the appeal.

Responsive to the reply brief filed on 4/6/07 and 5/24/07, a supplemental Examiner's Answer is set forth below:

At the bottom of pg. 8 appellant argues that the examiner made conclusions that the prior art is capable of performing the claimed invention without providing supporting facts and in the middle of pg. 9 and 13 appellant argues examiners reliance on inherency.

In response, attached is "The First Instrumented Bowling Ball" located at <a href="http://www2.ntu.edu.sg/ResearchPaper/ODR/2006/GResearchArticleBOWLING1.pdf">http://www2.ntu.edu.sg/ResearchPaper/ODR/2006/GResearchArticleBOWLING1.pdf</a>, which shows in fig. 3 the inherent forces on the thumb, middle finger and ring finger that are produced in bowling. Vector forces are shown in fig. 9. This article is clear extrinsic evidence of the forces that are naturally placed upon the fingers an any device use thereon while delivering a bowling ball. While the article was published in March of 2006 (as mentioned in the attached email by the author Dr. Fuss), it only measure forces that are naturally occurring in bowling long before the claimed invention before the Board.

Appellant may file another reply brief in compliance with 37 CFR 41.41 within two months of the date of mailing of this supplemental examiner's answer. Extensions of time under 37 CFR 1.136(a) are not applicable to this two month time period. See 37 CFR 41.43(b)-(c).

A Technology Center Director or designee has approved this supplemental examiner's answer by signing below:



Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

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GROUP 3700

# BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

Application Number: 09/396,531 Filing Date: September 15, 1999 Appellant(s): ADDINGTON ET AL.

Joel Rosenblatt For Appellant

#### **EXAMINER'S ANSWER TO REPY BRIEF**

This is in response to the reply brief filed 4/6/07 and 5/24/07 appealing from the Office action mailed 3/14/07.

### (11) Related Proceeding(s) Appendix

No decision rendered by a court or the Board is identified by the examiner in the Related Appeals and Interferences section of this examiner's answer.



Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

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Application/Control Number: 09/396,531

Art Unit: 3711

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In appellant's reply he states that there is no extrinsic evidence upon which the

examiner can rely upon to support his position of inherency. In making this statement

appellant is asking the Board to ignore the known physical forces that would be incurred

in the rolling of a bowing ball. Two articles are included in this response in order to

make these forces explicit to the Board. The first article "The First Instrumented

Bowling Ball" (published March 2006 and dated by electronic communications with the

author) located at

http://www2.ntu.edu.sg/ResearchPaper/ODR/2006/GResearchArticleBOWLING1.pdf

The second article A Biomechanical Analysis Of Bowling's 5-Step Approach

explicitly break down the movements and teaches lifting with the fingers in the Follow

Through Phase found at <a href="http://webpages.charter.net/bowlfit/articles/ba.pdf">http://webpages.charter.net/bowlfit/articles/ba.pdf</a>

The remaining comments in the reply brief are noted with no reply deemed

necessary.

Respectfully submitted.

WILLIAM M. PIERCE PRIMARY EXAMINER